

Amendments to the Claims:

1-12. (Canceled)

13. (Currently amended) A method of treating a patient in need of axon outgrowth of a neuron with a nanofibrous material with tissue engineered material comprising: injecting administering a peptide-amphiphile composition to a site of said a patient in need thereof, said peptide-amphiphile composition capable of promoting axon outgrowth of a neuron, wherein said peptide-amphiphile composition is formed by combining contains a peptide amphiphile comprising composition comprising SEQ ID NO:1 and or a peptide amphiphile comprising SEQ ID NO:2, wherein said combination of peptide amphiphiles form a nanofibrous material.

14. (Canceled)

15. (Currently Amended) The method of claim 1314, wherein the peptide amphiphiles are present in an aqueous solution in a concentration ranging from 2-30 mg/mL.

16. (Canceled)

17. (Previously presented) The method of claim 15, wherein the peptide amphiphiles are present in a charge equivalent ratio.

18. (Previously presented) The method of claim 17, wherein peptide amphiphiles are present in a ratio of 2 parts SEQ ID NO:1 to 1 part SEQ ID NO:2.